

## PATENT COOPERATION TREATY

**PCT**

**NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**  
(PCT Rule 72.2)

From the INTERNATIONAL BUREAU

To:

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Date of mailing (day/month/year) 01 June 2001 (01.06.01)	
Applicant's or agent's file reference PCT-99-M03	
International application No. PCT/JP99/05023	International filing date (day/month/year) 14 September 1999 (14.09.99)
Applicant MAINTECH CO., LTD. et al	

**IMPORTANT NOTIFICATION****1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

**2. Transmittal of the copy of the translation to the elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

EP,AU,CA,CN,CZ,KP,NO,NZ,PL,RO,SK,US

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AP,EA,AE,AL,BA,BB,BG,BR,CR,CU,DM,EE,GD,GE,HR,HU,ID,IL,IN,IS,KR,LC,LK,LR,LT,LV,MG,  
MK,MN,MX,SG,SI,TR,TT,TZ,UA,UZ,VN,YU,ZA,OA

**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

**It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.**

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Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>PCT-99-M03</b>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. <b>PCT/JP99/05023</b>	International filing date (day/month/year) <b>14 September 1999 (14.09.99)</b>	Priority date (day/month/year) <b>25 September 1998 (25.09.98)</b>
International Patent Classification (IPC) or national classification and IPC <b>D21F 1/32</b>		
Applicant <b>MAINTECH CO., LTD.</b>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 2 sheets.

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand <b>14 September 1999 (14.09.99)</b>	Date of completion of this report <b>16 January 2001 (16.01.2001)</b>
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

PCT/JP99/05023

**I. Basis of the report**

## 1. With regard to the elements of the international application:\*

 the international application as originally filed the description:

pages \_\_\_\_\_ 1-21 \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

 the claims:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, as amended (together with any statement under Article 19)

pages \_\_\_\_\_, filed with the demand

pages 1-7, filed with the letter of 11 August 2000 (11.08.2000)

 the drawings:

pages 1-15, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

 the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

 contained in the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4.  The amendments have resulted in the cancellation of: the description, pages \_\_\_\_\_ the claims, Nos. 8-13 the drawings, sheets/fig \_\_\_\_\_5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP99/05023

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

Novelty (N)	Claims	1-7	YES
	Claims		NO
Inventive step (IS)	Claims	2	YES
	Claims	1,3-7	NO
Industrial applicability (IA)	Claims	1-7	YES
	Claims		NO

## 2. Citations and explanations

## Claim 1

Document 1 [GB, 2284833, A (Steven Frederick Finch), 21 June, 1995 (21.06.95)] describes, "The utilization of cationic and amine active silicone fluids and of dimethyl siloxane emulsion to provide this hydrophobic layer to the dryer fabric" in claim 3, and "During the next circuit of the fabric around the cylinders, the silicone film and the associated sticky particles are removed from the fabric to waste" on page 2, line 22 and thereafter. This claim 1 describes the addition of 0.1 to 200 mg/m<sup>2</sup> of a silicone oil, but it is considered to be easy for a person skilled in the art, to numerically decide a range of just-sufficient amounts to be added.

## Claims 3-5

As described above, document 1 uses polydimethyl siloxane as an emulsion. Since the use of a surfactant is a well-known commonly used means for obtaining an emulsion, the state of the silicone oil when it is applied does not matter.

## Claims 6 and 7

See Fig. 1 of document 1. The use of a roller applicator is shown.

Therefore, the subject matters of the above claims do not appear to involve an inventive step.

## Claim 2

Document 1 does not describe to the effect that a silicone oil is applied to a canvas roll. So, the subject matter of this claim appears to be novel. Furthermore, the document neither includes any description to suggest the application to a canvas roll, nor arouses to the prevention of contamination due to the canvas roll. So, the subject matter of this claim appears to involve an inventive step.